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What is claimed is:

- 10 1. A rinse-aid composition for a dishwashing machine comprising a bio-polypeptide wherein the rinse-aid composition prevents starch build-up and improves soil removal on articles being washed.
- 15 2. The rinse-aid composition according to claim 1 wherein the bio-polypeptide is gelatin, egg albumin, bovine serum albumin, casein, sodium caseinate or a mixture thereof.
- 20 3. The rinse-aid composition according to claim 1 wherein the bio-polypeptide is yeast protein, whey protein, vegetable protein, plant protein, animal glue, collagen, collagen hydrosylate, or a mixture thereof.
- 25 4. The rinse-aid composition according to claim 1 wherein the rinse-aid composition comprises from about 0.5% to about 30.0% by weight bio-polypeptide.
5. The rinse-aid composition according to claim 1 wherein the rinse-aid composition further comprises at least one additive selected from the group consisting of an alcohol, hydrotrope, preservative, acid, surfactant and water.
6. The rinse-aid composition according to claim 5 wherein the surfactant is a low-foaming nonionic surfactant.
- 30 7. The rinse-aid composition according to claim 1 wherein the rinse-aid composition results in a use solution having a pH from about 2.0 to about 10.0.

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8. A method for preventing starch build-up on dishware comprising the steps of:

(a) contacting dishware with a rinse-aid composition comprising a bio-polypeptide;

(b) removing the dishware from the rinse-aid composition.

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9. The method according to claim 8 wherein the bio-polypeptide is gelatin, egg albumin, bovine serum albumin, casein, sodium caseinate or a mixture thereof.

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10. The method according to claim 8 wherein the bio-polypeptide is yeast protein, whey protein, vegetable protein, plant protein, animal glue, collagen, collagen hydrosylate, or a mixture thereof.

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11. The method according to claim 8 wherein the rinse-aid composition comprises from about 0.5% to about 30.0% by weight bio-polypeptide.

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12. The method according to claim 8 wherein the rinse-aid composition further comprises at least one additive selected from the group consisting of an alcohol, hydrotrope, preservative, acid, surfactant and water.

13. The method according to claim 8 wherein the surfactant is a low-foaming nonionic surfactant.

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14. The method according to claim 8 wherein the rinse-aid composition results in a use solution having a pH from about 2.0 to about 10.0.

15. The method according to claim 8 wherein the rinse-aid composition is at a temperature from about ambient to about 100°C.

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16. A method for pre-treating non-soiled dishware to prevent starch soil build-up comprising the steps of contacting non-soiled dishware with a pre-coating composition comprising:

(a) a bio-polypeptide; and

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(b) water.

17. The method according to claim 16 wherein the bio-polypeptide is gelatin, egg albumin, bovine serum albumin, casein, sodium caseinate or a mixture thereof.

15 18. The method according to claim 16 wherein the bio-polypeptide is yeast protein, whey protein, vegetable protein, plant protein, animal glue, collagen, collagen hydrosylate, or a mixture thereof.

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19. The method according to claim 16 wherein the pre-coating composition has from about 0.50 to about 30.0% by weight bio-polypeptide.

20. The method according to claim 16 wherein the pre-coating composition is sprayed on to the dishware.

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